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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06

Site Name: Ohio Oil refinery CERCLIS ID#: OK0001981349

Alias Site Names: \_\_\_\_\_

Address: 0.7mi. northeast of Bristow

City/County or Parish/State/Zip Code: Bristow, Creek County, Oklahoma 74010

Report Type, Date, and Author: Preliminary Assessment, March 31, 1997, Oklahoma Department of Environmental Quality

**RECOMMENDATION:**

☐ 1. No Further Remedial Action Planned  
under Superfund (NFRAP)

☒ 2. Further Investigation Needed Under Superfund

☐ PA ☐ HRS Priority: ☐ High  
☒ SI ☐ RA ☐ Medium  
☐ ESI ☐ RI/FS ☐ Low  
☐ Other: \_\_\_\_\_  
To be performed by: \_\_\_\_\_

☐ 3. Action Deferred to:  
☐ RCRA ☐ NRC

**NOTIFY AUTHORITY:**

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA Enforcement	<input type="checkbox"/> Federal Facility	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
SEND SSSR COPIES TO: <input checked="" type="checkbox"/> 6SF-AC		<input type="checkbox"/> 6WQ-SP	<input type="checkbox"/> ATSDR	<input checked="" type="checkbox"/> State Agency

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## OHIO Oil Refinery site

### DISCUSSION

The Ohio Oil Refinery site is a 101 acre former refinery site. The refinery operated from 1917 until 1942. By 1941, all of the 50,000 gallon storage tanks had been removed from the facility. Potential sources on the site include, 2 former tank berm areas containing asphalt like material, probably tank bottoms, a 13,500 cubic feet waste pit, and several areas of contaminated soil.

HRS pathway analysis. The nearest well is onsite, several 1000 people use wells within a 4 mile radius of the site. However, due to the depth of the wells, it is unlikely that the wells are impacted. Currently, four residences and an eight unit apartment are on-site. Therefore, the soil and air migration pathways may contribute to a high HRS score. The nearest perennial stream is 1/2 mile from the site. Due to minimum source quantities and immobility of wastes, migration is unlikely.

Due to potentially impacted receptors in the soil exposure and air migration pathways the Ohio Oil Refinery site warrants further investigation under Superfund as a Site Inspection (SI). The SI should focus on the soil exposure pathway and determining potential conflicts with the "Petroleum exclusion" clause under CERCLA. Based on the Preliminary Assessment, an imminent and substantial endangerment is not present ;and therefore ,a Superfund removal is not warranted.

### APPROVALS

Disposition Recommended by: Lon Biasco Signature: [Signature] Date: 4/21/97  
(Site Assessment Manager)

Disposition Recommended by: Ragan Broyles Signature: [Signature] Date: 4/21/97  
(Section Chief)

Disposition Approved by: Charles A. Gazda Signature: [Signature] Date: 4/23/97  
(Branch Chief)





